

Application No.: 09/455,807
Amendment dated August 23, 2004
Reply to Office Action of June 15, 2004

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A computer-implemented method for annotating a system having a display for displaying a non-modifiable page of a document having objects comprising the steps of:

receiving an indication that an object in the page of the document is to be annotated;

providing a window to a user having a portion for receiving an annotation of the object, said window having a portion allowing navigation to at least one other annotation of at least one other object; and

navigating directly to said at least one other annotation of said at least one other object.

2. (Original) The computer-implemented method according to claim 1, said receiving step comprising the steps of:

receiving a selection of the object;

receiving a selection of a menu item that provides said window, said portion of said window for receiving the annotation of the object.

3. (Original) The computer-implemented method according to claim 1, further comprising the steps of:

receiving a user input;

displaying said at least one other annotation in said window.

4. (Original) The computer-implemented method according to claim 3, further comprising the step of:

maintaining the display of the non-modifiable page irrespective of the display of said at least one other annotation in said window.

5. (Original) The computer-implemented method according to claim 3, further comprising the step of:

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displaying another non-modifiable page in response to said display of said at least one other annotation in said window.

6. (Original) The computer-implemented method according to claim 5, wherein said window overlies said another non-modifiable page.

7. (Original) The computer-implemented method according to claim 1, further comprising the step of:

displaying an indication that a text annotation has been stored in conjunction with an object on said non-modifiable page.

8. (Original) The computer-implemented method according to claim 1, further comprising the steps of:

receiving an annotation of the object;

determining a position of the object in the document;

storing the position and the annotation of the object separately from the non-modifiable portion of the document.

9. (Original) The computer-implemented method according to claim 8, wherein the designation of the object is received through interaction with a stylus.

10. (Original) The computer-implemented method according to claim 8, wherein the designation of the object is received through interaction with a mouse.

11. (Original) The computer-implemented method according to claim 8, wherein said determining step comprises the step of:

counting the bytes from the beginning of the non-modifiable portion of the document to the annotated object.

12. (Original) The computer-implemented method according to claim 8, wherein said determining step comprises the steps of:

counting the number of bytes from the beginning of the non-modifiable portion of the document to a first object on the displayed page;

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counting the number of bytes from the first object on the displayed page to the annotated object;

adding the number obtained from said first counting step to the number obtained from said second counting step to determine the file position of the annotated object in said file.

13. (Previously Presented) A computer-readable medium having a program stored thereon, said program for use with a display for displaying a non-modifiable page of a document having objects, said program comprising the steps of:

receiving an indication that an object in the page of the document is to be annotated;

providing a window to a user having a portion for receiving an annotation of the object, said window having a portion allowing navigation to at least one other annotation of at least one other object; and

navigating directly to said at least one other annotation of said at least one other object.

14. (Original) The computer-readable medium according to claim 13, said receiving step of said program further comprising the steps of:

receiving a selection of the object;

receiving a selection of a menu item that provides said window, said portion of said window for receiving the annotation of the object.

15. (Original) The computer-readable medium according to claim 13, said program further comprising the steps of:

receiving a user input;

displaying said at least one other annotation in said window.

16. (Original) The computer-readable medium according to claim 15, said program further comprising the step of:

maintaining the display of the non-modifiable page irrespective of the display of said at least one other annotation in said window.

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17. (Original) The computer-readable medium according to claim 15, said program further comprising the step of:

displaying another non-modifiable page in response to said display of said at least one other annotation in said window.

18. (Original) The computer-readable medium according to claim 17, wherein said window overlies said another non-modifiable page.

19. (Original) The computer-readable medium according to claim 13, said program further comprising the step of:

displaying an indication that a text annotation has been stored in conjunction with an object on said non-modifiable page.

20. (Original) The computer-readable medium according to claim 13, said program further comprising the steps of:

receiving an annotation of the object;

determining a position of the object in the document;

storing the position and the annotation of the object separately from the non-modifiable portion of the document.

21. (Original) The computer-readable medium according to claim 20, wherein the designation of the object is received through interaction with a stylus.

22. (Original) The computer-readable medium according to claim 20, wherein the designation of the object is received through interaction with a mouse.

23. (Original) The computer-readable medium according to claim 20, wherein said determining step comprises the step of:

counting the bytes from the beginning of the non-modifiable portion of the document to the annotated object.

24. (Original) The computer-readable medium according to claim 20, wherein said determining step comprises the steps of:

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counting the number of bytes from the beginning of the non-modifiable portion of the document to a first object on the displayed page;

counting the number of bytes from the first object on the displayed page to the annotated object;

adding the number obtained from said first counting step to the number obtained from said second counting step to determine the file position of the annotated object in said file.

25. (Currently Amended) A computer system for displaying a non-modifiable portion of a document having objects comprising:

a display for displaying the non-modifiable portion of the document, said document having an object and at least one other object;

an input for receiving an input of an annotation, the annotation associated with said object in the non-modifiable portion of the document;

a processor receiving the annotation and determining a file position of said object, said processor permitting ~~navigating~~ navigation directly to said at least one other annotation of said at least one other object; and

a storage device storing the annotation and file position of the object.

26. (Original) The computer system according to claim 25, wherein said storage device stores the annotation and the file position of the object in a modifiable portion of the document.

27. (Original) The computer system according to claim 25, wherein the storage device stores the annotation and the file position of the object in a file separate from the document.

28. (Previously Presented) A computer-readable medium having stored thereon a data structure, comprising:

a first data field storing a non-modifiable portion of a document, said document having objects;

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a second data field storing an annotation related to an object; and
a third data field storing a file position of the object,
said third data field being accessed when a processor directly navigates to annotations stored in said second data field.

29. (Original) The computer-readable medium according to claim 28, wherein the first and second and third data fields are part of the document.

30. (Original) The computer-readable medium according to claim 28, wherein the second and third data fields are not part of the document.

31. (New) A computer-implemented method for a user to annotate objects of a non-modifiable page of a document displayed on a display in a system, comprising the steps of:

receiving an indication from a user that an object in the displayed page of the document is to be annotated;

providing a window to a user wherein a portion of said window allows the user to enter an annotation to be associated with the object and wherein a portion of said window allows the user to directly navigate to at least one of the previous and next annotations of another object of said document.

32. (New) The computer-implemented method according to claim 31, said receiving step further comprising the steps of:

receiving a selection of the object;

receiving a selection of a menu item that provides said window, said portion of said window for receiving the annotation of the object.

33. (New) The computer-implemented method according to claim 31, further comprising the steps of:

receiving a user input;

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displaying said at least one other annotation in said window.

34. (New) The computer-implemented method according to claim 33, further comprising the step of:

maintaining the display of the non-modifiable page irrespective of the display of said at least one other annotation in said window.

35. (New) The computer-implemented method according to claim 33, further comprising the step of:

displaying another non-modifiable page in response to said display of said at least one other annotation in said window.

36. (New) The computer-implemented method according to claim 35, wherein said window overlies said another non-modifiable page.

37. (New) The computer-implemented method according to claim 31, further comprising the step of:

displaying an indication that a text annotation has been stored in conjunction with an object on said non-modifiable page.

38. (New) The computer-implemented method according to claim 31, further comprising the steps of:

receiving an annotation of the object;

determining a position of the object in the document; and

storing the position and the annotation of the object separately from the non-modifiable portion of the document.

39. (New) The computer-implemented method according to claim 38, wherein the designation of the object is received through interaction with a stylus.

40. (New) The computer-implemented method according to claim 38, wherein the designation of the object is received through interaction with a mouse.

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41. (New) The computer-implemented method according to claim 38, wherein said determining step comprises the step of:

counting the bytes from the beginning of the non-modifiable portion of the document to the annotated object.

42. (New) The computer-implemented method according to claim 38, wherein said determining step comprises the steps of:

counting the number of bytes from the beginning of the non-modifiable portion of the document to a first object on the displayed page;

counting the number of bytes from the first object on the displayed page to the annotated object; and

adding the number obtained from said first counting step to the number obtained from said second counting step to determine the file position of the annotated object in said file.

43. (New) A computer-readable medium having a program stored thereon, said program for use with a display for displaying a non-modifiable page of a document having objects, said program comprising the steps of:

receiving an indication that an object in the page of the document is to be annotated; and

providing a window to a user wherein a portion of said window allows the user to enter an annotation to be associated with the object and wherein a portion of said window allows the user to directly navigate to at least one of the previous and next annotations of another object of said document.

44. (New) The computer-readable medium according to claim 43, said receiving step of said program further comprising the steps of:

receiving a selection of the object;

receiving a selection of a menu item that provides said window, said portion of said window for receiving the annotation of the object.

45. (New) The computer-readable medium according to claim 43, said

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program further comprising the steps of:

receiving a user input;

displaying said at least one other annotation in said window.

46. (New) The computer-readable medium according to claim 45, said program further comprising the step of:

maintaining the display of the non-modifiable page irrespective of the display of said at least one other annotation in said window.

47. (New) The computer-readable medium according to claim 45, said program further comprising the step of:

displaying another non-modifiable page in response to said display of said at least one other annotation in said window.

48. (New) The computer-readable medium according to claim 47, wherein said window overlies said another non-modifiable page.

49. (New) The computer-readable medium according to claim 43, said program further comprising the step of:

displaying an indication that a text annotation has been stored in conjunction with an object on said non-modifiable page.

50. (New) The computer-readable medium according to claim 43, said program further comprising the steps of:

receiving an annotation of the object;

determining a position of the object in the document; and

storing the position and the annotation of the object separately from the non-modifiable portion of the document.

51. (New) The computer-readable medium according to claim 50, wherein the designation of the object is received through interaction with a stylus.

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52. (New) The computer-readable medium according to claim 50, wherein the designation of the object is received through interaction with a mouse.

53. (New) The computer-readable medium according to claim 50, wherein said determining step comprises the step of:

counting the bytes from the beginning of the non-modifiable portion of the document to the annotated object.

54. (New) The computer-readable medium according to claim 50, wherein said determining step comprises the steps of:

counting the number of bytes from the beginning of the non-modifiable portion of the document to a first object on the displayed page;

counting the number of bytes from the first object on the displayed page to the annotated object; and

adding the number obtained from said first counting step to the number obtained from said second counting step to determine the file position of the annotated object in said file.

55. (New) A computer system for displaying a non-modifiable portion of a document having objects comprising:

a display for displaying the non-modifiable portion of the document, said document having an object and at least one other object;

an input for receiving an input of an annotation, the annotation associated with said object in the non-modifiable portion of the document;

a processor receiving the annotation and determining a file position of said object, said processor permitting navigation directly to said at least one of the previous and next annotations of another object in the non-modifiable portion of said document; and

a storage device storing the annotation and file position of the object.

56. (New) The computer system according to claim 55, wherein said storage device stores the annotation and the file position of the object in a modifiable portion of the

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document.

57. (New) The computer system according to claim 55, wherein the storage device stores the annotation and the file position of the object in a file separate from the document.